

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. CHIR-0158	Serial No. 09/360,934
		Applicant Antonello Covacci et al.	
		Filing Date July 26, 1999	Group 1645
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
PTB	AA	Apel et al., "Antibody Response of Patients Against a 120 kDa Surface Protein of <i>Campylobacter pylori</i> ," <i>Aentralblat fur Bakterio. Microb. Und Hygiene</i> , 1988 , 268, 271-276	
	AB	Austin et al., "Structural Comparison of Urease and a GroEL Analog from <i>Helicobacter pylori</i> ," <i>J. Bacteriol.</i> , 1992 , 174(22), 7470-7473	
	AC	Blaser, "Gastric <i>Campylobacter</i> -like Organisms, Gastritis, and Peptic Ulcer Disease," <i>Gastroenterology</i> , 1987 , 93, 371-383	
	AD	Blaser, " <i>Helicobacter pylori</i> : Its Role in Disease," <i>Clin. Infect. Dis.</i> , 1992 , 15, 386-391	
	AE	Clayton, C.L. et al., "Molecular Cloning and Expression of <i>Campylobacter pylori</i> Species-Specific Antigens in <i>Escherichia coli</i> K-12," <i>Infect. Immunity</i> , 1989 , 57(2), 623-629	
	AF	Cover et al., "Characterization of and Human Serologic Response to Proteins in <i>Helicobacter pylori</i> Broth Culture Supernatants with Vacuolizing Cytotoxin Activity," <i>Infect. Immun.</i> , 1990 , 58(3), 603-610	
	AG	Cover et al., "Purification and Characterization of the Vacuolating Toxin from <i>Helicobacter pylori</i> ," <i>J. Biol. Chem.</i> , 1992 , 267(15), 10570-10575	
	AH	Cover et al., "Serum Neutralizing Antibody Response to the Vacuolating Cytotoxin of <i>Helicobacter pylori</i> ," <i>J. Clin. Invest.</i> , 1992 , 90, 913-918	
	AI	Cover et al., "Human serologic response to <i>Campylobacter pylori</i> cytotoxin-associated proteins," <i>Gastroenterology</i> , 1989 , 96 (5/2), A101, abstract	
↓	AJ	Crabtree et al., "Expression of 120 kilodalton protein and cytotoxicity in <i>Helicobacter pylori</i> ," <i>J. Clin. Pathol.</i> , 1992 , 45, 733-734	
EXAMINER		Phuong Bui	DATE CONSIDERED 11/4/00

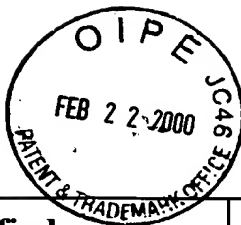


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PTB	AK	Cussac et al., "Expression of <i>Helicobacter pylori</i> Urease Genes in <i>Escherichia coli</i> Grown under Nitrogen-Limiting Conditions," <i>J. Bacteriol.</i> , 1992 , 174(8), 2466-2473	
↓	AL	Dooley et al., "Prevalence of <i>Helicobacter Pylori</i> Infection and Histologic Gastritis in Asymptomatic Persons," <i>New Engl. J. Med.</i> , 1989 , 321, 1562-1566	
	AM	Drumm et al., "Intrafamilial Clustering of <i>Helicobacter Pylori</i> Infection," <i>New Engl. J. Med.</i> , 1990 , 322(6), 359-363	
	AN	Dunn et al., "Identification and Purification of a cpn60 Heat Shock Protein Homolog from <i>Helicobacter pylori</i> ," <i>Infect. Immun.</i> , 1992 , 60(5), 1946-1951	
	AO	Evans et al., "Urease-Associated Heat Shock Protein of <i>Helicobacter pylori</i> ," <i>Infect. Immun.</i> , 1992 , 60(5), 2125-2127	
	AP	Evans et al., "A Sensitive and Specific Serologic Test for Detection of <i>Campylobacter pylori</i> Infection," <i>Gastroenterology</i> , 1989 , 96, 1004-1008	
**	AQ	Figura et al., in <i>H. Pylori, Gastritis and Peptic Ulcer</i>, Malfroid et al. (eds.), Springer-Verlag, Berlin, 1990	
PTB	AR	Gerken et al., sequence submitted to EST-STS by Utah Center for Humans Genome Res. University of Utah, 1993 , Accession No. L18544	
↓	AS	Gerstenecker et al., "Serodiagnosis of <i>Helicobacter pylori</i> Infections with an Enzyme Immunoassay Using the Chromatographically Purified 120 Kilodalton Protein," <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , 1992 , 11(7), 595-601	
	AT	Goodwin et al., "Transfer of <i>Campylobacter pylori</i> and <i>Campylobacter mustelae</i> to <i>Helicobacter</i> gen. nov. As <i>Helicobacter pylori</i> comb. Nov. And <i>Helicobacter mustelae</i> comb. Nov., Respectively," <i>Int. J. Syst. Bacteriol.</i> , 1989 , 39(4), 397-405	
	AU	Graham et al., "Epidemiology of <i>Helicobacter pylori</i> in an Asymptomatic Population in the United States," <i>Gastroenterology</i> , 1991 , 100, 1495-1501	
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**A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous to send and easily obtainable by the Examiner.



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PTB	AV	Graham et al., "Seroepidemiology of <i>Helicobacter pylori</i> Infection in India: Comparison of Developing and Developed Countries," <i>Dig. Dis. Sci.</i> , 1991 , 36(8), 1084-1088	
	AW	Jones et al., "Antibody to the gastric campylobacter-like organism (" <i>Campylobacter pyloridis</i> ") -- Clinical correlations and distribution in the normal population," <i>Med. Microbiol.</i> , 1986 , 22, 57-62	
	AX	Leunk, "Production of a Cytotoxin by <i>Helicobacter Pylori</i> ," <i>Rev. Infect. Dis.</i> , 1991 , 13(8), S686-S689	
	AY	Leying et al., "Cloning and genetic characterization of a <i>Helicobacter pylori</i> flagellin gene," <i>Mol. Microbiol.</i> , 1992 , 6(19), 2863-2874	
	AZ	Morris et al., "Seroepidemiology of <i>Campylobacter pyloridis</i> ," <i>N.Z. Med. J.</i> , 1986 , 99(809), 657-659	
	BA	Orkin, S.H. et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy," December, 1995 , 41 pages	
	BB	Parsonnet et al., " <i>Helicobacter Pylori</i> Infection and the Risk of Gastric Carcinoma," <i>New Engl. J. Med.</i> , 1991 , 325(16), 1127-1131	
	BC	Perez-Perez et al., "Characteristics of <i>Helicobacter pylori</i> Variants Selected for Urease Deficiency," <i>J. Infect. Immun.</i> , 1992 , 60(9), 3658-3663	
	BD	Pei, Z. et al., "Identification, Purification, and Characterization of Major Antigenic Proteins of <i>Campylobacter jejuni</i> ," <i>J. Biol. Chem.</i> , 1991 , 266(25), 16363-16369	
	BE	Thomas et al., "Isolation of <i>Helicobacter pylori</i> from human faeces," <i>Lancet</i> , 1992 , 340, 1194-1195	
U	BF	Warren et al., "Unidentified Curved Bacilli on Gastric Epithelium in Active Chronic Gastritis," <i>Lancet</i> , 1983 , 1273-1275	
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
PTB	BG	4,882,271	11/21/89	Evans et al.	435	7
PTB	BH	5,721,349	02/24/98	Cover et al.	536	22.1

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PTB	BI	EP 0329570 A2	08/23/89	EP	X	
	BJ	EP 0367644 A1	05/09/90	EP	X (Abstract Only)	
	BK	WO 87/05943	10/08/87	PCT	X	
	BL	WO 89/08843	09/21/89	PCT	X	
	BM	WO 90/04030	04/19/90	PCT	X (Abstract Only)	
	BN	WO 91/09049	06/27/91	PCT	X	

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